

03500.017443.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
:
HIROKATSU MIYATA, et al.)
:
Application No.: NOT YET ASSIGNED)
:
Filed: HEREWITH)
:
For: POLARIZED)
LIGHT-EMITTING FILM :
AND METHOD FOR)
PRODUCING THE SAME : July 21, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.56, Applicants respectfully direct the Examiner's attention to the documents listed below and on the enclosed Form PTO-1449. A copy of each document so listed is enclosed.

J. Wu, et al., "Host-Guest Chemistry Using an Oriented Mesoporous Host: Alignment and Isolation of a Semiconducting Polymer in the Nanopores of an Ordered Silica Matrix", J. Phys. Chem., 1999, Vol. 103, No. 13, pp. 2374-2384.

T. Nguyen, et al., "Control of Energy Transfer in Oriented Conjugated Polymer-Mesoporous Silica Composites", Science, Vol. 288, April 28, 2000, pp. 652-656.

T. Nguyen, et al., "Control of Energy Transport in Conjugated Polymers Using an Ordered Mesoporous Silica Matrix", Advanced Materials, 2001, Vol. 13, No. 8, pp. 609-611.

S. Tolbert, et al., "Directional energy migration in an oriented nanometer-scale host/guest composite: semiconducting polymers threaded into mesoporous silica", *Microporous and Mesoporous Materials*, 2001, pp. 445-451.

B. Schwartz, et al., "Interchain and Intrachain exciton transport in conjugated polymers: ultrafast studies of energy migration in aligned MEH-PPV/mesoporous silica composites", *Synthetic Metals*, 2001, pp. 35-40.

H. Miyata, et al., "Formation of a Continuous Mesoporous Silica Film with Fully Aligned Mesochannels on a Glass Substrate", *Chemistry of Materials*, 2000, Vol. 12, pp. 49-54.

H. Miyata, et al., "Alignment of Mesoporous Silica on a Glass Substrate by a Rubbing Method", *Chemistry of Materials*, 1999, Vol. 11, pp. 1609-1614.

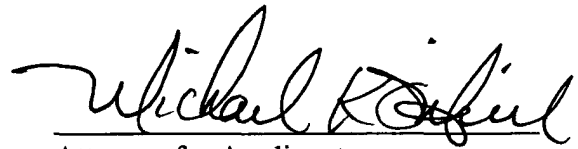
H. Miyata, et al., "Preferred Alignment of Mesochannels in a Mesoporous Silica Film", *J. Am. Chem. Soc.*, 1999, Vol. 121, pp. 7618-7624.

The foregoing documents turned up during pre-filing activities in connection with the preparation of the subject application.

The Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialling the appropriate portion of Form PTO-1449.

Applicants' undersigned attorney may be reached in our Costa Mesa,
California office at (714) 540-8700. All correspondence should continue to be directed to
our below-listed address.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael K. DeFina", written over a horizontal line.

Attorney for Applicants

Registration No. 32622

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-2200
Facsimile: (212) 218-2200

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. 03500.017443		APPLICATION NO. Not Yet Assigned	
				APPLICANT HIROKATSU MIYATA, et al.			
				FILING DATE HEREWITH		GROUP UNKNOWN	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		J. Wu, et al., "Host-Guest Chemistry Using an Oriented Mesoporous Host: Alignment and Isolation of a Semiconducting Polymer in the Nanopores of an Ordered Silica Matrix", J. Phys. Chem., 1999, Vol. 103, No. 13, pp. 2374-2384.					
		T. Nguyen, et al., "Control of Energy Transfer in Oriented Conjugated Polymer-Mesoporous Silica Composites", Science, Vol. 288, April 28, 2000, pp. 652-656.					
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		S. Tolbert, et al., "Directional energy migration in an oriented nanometer-scale host/guest composite: semiconducting polymers threaded into mesoporous silica", Microporous and Mesoporous Materials, 2001, pp. 445-451.					
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		H. Miyata, et al., "Formation of a Continuous Mesoporous Silica Film with Fully Aligned Mesochannels on a Glass Substrate", Chemistry of Materials, 2000, Vol. 12, pp. 49-54.					
		H. Miyata, et al., "Alignment of Mesoporous Silica on a Glass Substrate by a Rubbing Method", Chemistry of Materials, 1999, Vol. 11, pp. 1609-1614.					
		H. Miyata, et al., "Preferred Alignment of Mesochannels in a Mesoporous Silica Film", J. Am. Chem. Soc., 1999, Vol. 121, pp. 7618-7624.					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.

Sheet 1 of 1